

COMMERCIAL PRODUCTS CATALOG

Lead Free Forged Brass Economy Valves

94ALF-A SERIES



APOLLO INTERNATIONAL™ ECONOMY FULL PORT BALL VALVES

These Lead Free ball valves with forged DZR brass body are UL listed and CSA approved.

FEATURES

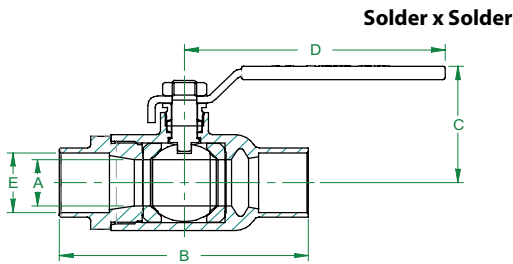
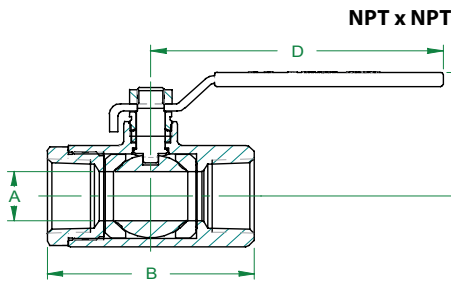
- Lead Free* materials and certification
- Solders like standard brass
- Distinctive white "Lead Free" handle grip and blue "Lead Free" hang tag
- 2-Piece, Full-Port design
- Blow-out Proof Stem
- Adjustable Stem Packing Nut
- Multiple agency approvals
- Valve Design Rating: 600 CWP – 1/4 to 2", 400 CWP – 2-1/2" to 4"
- Temperature Range: -20°F to 366°F
- 100% Factory Tested

APPROVALS

- MSS SP-110 - Ball Valves
- NSF/ANSI 61-G
- NSF/ANSI 372 Lead Free
- IAPMO IGC 157 (cUPC)
- ANSI Z21.15 (1/2 psi) (CSA 9.1) (1/4" – 2")
- ASME B16.44 (5 psi) (CR91-002) (1/4" – 2")
- ASME B16.33 (125 psi) (CGA 3.16) (1/4" – 2")
- **UL:** Guides YQNZ, YRBX, YRPV, YSDT and MHKZ (1/4" - 4" NPT only)
- UL 258 – VQGU Trim & Drain 175# max (1/4" – 2")
- FM 1140 (1/4" - 2" NPT & Solder)



Note: Gas approvals apply to NPT valves only



94ALF-A OPTIONS

| Size | Replacement Handles | 2-1/4" Stem Extension + Memory Stop |
|-----------|---------------------|-------------------------------------|
| 1/4"-3/8" | W234700 | 78217101 |
| 1/2" | W234800 | 78217201 |
| 3/4" | W234900 | 78217301 |
| 1" | W235000 | 78217401 |
| 1-1/4" | W235100 | 78217501 |
| 1-1/2"-2" | W235200 | 78217601 |
| 2-1/2"-3" | W235300 | 78217701 |
| 4" | W273800 | 78217801 |

- Replacement handles are not UL marked



| LF Model Number | Size (in.) | Dimensions (in.) | | | | | Wt. |
|-----------------|------------|------------------|------|------|------|------|-------|
| | | A | B | C | D | E | |
| NPT | | | | | | | |
| 94ALF-101-01A | 1/4" | 0.39 | 1.76 | 1.73 | 3.54 | - | 0.29 |
| 94ALF-102-01A | 3/8" | 0.39 | 1.76 | 1.73 | 3.54 | - | 0.30 |
| 94ALF-103-01A | 1/2" | 0.59 | 2.05 | 1.94 | 3.54 | - | 0.44 |
| 94ALF-104-01A | 3/4" | 0.75 | 2.36 | 2.11 | 3.78 | - | 0.71 |
| 94ALF-105-01A | 1" | 0.95 | 2.76 | 2.58 | 4.53 | - | 1.10 |
| 94ALF-106-01A | 1-1/4" | 1.26 | 3.31 | 2.96 | 4.53 | - | 1.63 |
| 94ALF-107-01A | 1-1/2" | 1.58 | 3.66 | 3.37 | 5.51 | - | 2.41 |
| 94ALF-108-01A | 2" | 1.97 | 4.18 | 3.70 | 5.51 | - | 3.66 |
| 94ALF-109-01A | 2-1/2" | 2.52 | 5.38 | 4.76 | 8.66 | - | 7.60 |
| 94ALF-100-01A | 3" | 2.95 | 6.04 | 5.08 | 8.66 | - | 9.60 |
| 94ALF-10A-01A | 4" | 3.90 | 7.39 | 5.86 | 9.61 | - | 21.00 |
| Solder | | | | | | | |
| 94ALF-203-01A | 1/2" | 0.59 | 2.05 | 1.84 | 3.54 | 0.63 | 0.40 |
| 94ALF-204-01A | 3/4" | 0.75 | 2.75 | 2.00 | 3.78 | 0.88 | 0.68 |
| 94ALF-205-01A | 1" | 0.95 | 3.23 | 2.45 | 4.53 | 1.13 | 1.15 |
| 94ALF-206-01A | 1-1/4" | 1.26 | 3.82 | 2.86 | 4.53 | 1.38 | 1.53 |
| 94ALF-207-01A | 1-1/2" | 1.57 | 4.43 | 3.17 | 5.51 | 1.63 | 2.31 |
| 94ALF-208-01A | 2" | 1.96 | 5.38 | 3.49 | 5.51 | 2.13 | 3.77 |
| 94ALF-209-01A | 2-1/2" | 2.52 | 6.28 | 4.76 | 8.66 | 2.63 | 6.79 |
| 94ALF-200-01A | 3" | 2.92 | 7.15 | 5.08 | 8.66 | 3.13 | 8.67 |
| 94ALF-20A-01A | 4" | 3.90 | 9.28 | 5.87 | 9.61 | 4.13 | 16.67 |